

**SUPERABSORBENT POLYMER AQUEOUS PASTE AND COATING****ABSTRACT**

The present invention is directed to an aqueous superabsorbent polymer paste comprising from about 1 to about 5 wt % of superabsorbent particles and from about 95 to about 99 wt % of an aqueous water-soluble solution having from about 0.5 to about 5%, preferably from about 1 to about 3% solid level. The present invention is also directed to a coated substrate comprising a substrate material and an aqueous superabsorbent polymer paste comprising a blend of i) from about 1 to about 5 wt % of superabsorbent particles and ii) from about 95 to about 99 wt % of an aqueous water-soluble solution. The present invention is also directed to a method for reducing the loss of circulation fluids into flow passages of a subterranean formation during well drilling, completion or work over operations, by using the aqueous superabsorbent polymer paste of the present invention.